



OICE

RAW SEQUENCE LISTING

DATE: 06/05/2002

PATENT APPLICATION: US/09/866,512A

TIME: 09:46:34

Input Set : A:\PTO.PG.txt

Output Set: N:\CRF3\06052002\I866512A.raw

ENTERED

3 <110> APPLICANT: Meade, Thomas J
 5 <120> TITLE OF INVENTION: Magnetic Resonance Imaging Agents for the Detection of
 Physiological
 6 Agents
 8 <130> FILE REFERENCE: A-58634-7
 10 <140> CURRENT APPLICATION NUMBER: 09/866512A
 11 <141> CURRENT FILING DATE: 2001-05-24
 13 <150> PRIOR APPLICATION NUMBER: US 60/287,619
 14 <151> PRIOR FILING DATE: 2001-05-26
 16 <150> PRIOR APPLICATION NUMBER: US 08/460,511
 17 <151> PRIOR FILING DATE: 1995-06-02
 19 <150> PRIOR APPLICATION NUMBER: US 08/486,968
 20 <151> PRIOR FILING DATE: 1995-06-07
 22 <150> PRIOR APPLICATION NUMBER: US 08/971,855
 23 <151> PRIOR FILING DATE: 1997-11-17
 25 <150> PRIOR APPLICATION NUMBER: US 09/134,072
 26 <151> PRIOR FILING DATE: 1998-08-13
 28 <150> PRIOR APPLICATION NUMBER: US 09/866,512
 29 <151> PRIOR FILING DATE: 2001-05-24
 31 <150> PRIOR APPLICATION NUMBER: US 09/405,046
 32 <151> PRIOR FILING DATE: 1999-09-27
 34 <150> PRIOR APPLICATION NUMBER: US 60/063,328
 35 <151> PRIOR FILING DATE: 1997-10-27
 37 <160> NUMBER OF SEQ ID NOS: 17
 39 <170> SOFTWARE: PatentIn version 3.1
 41 <210> SEQ ID NO: 1
 42 <211> LENGTH: 4
 43 <212> TYPE: PRT
 44 <213> ORGANISM: Unknown
 46 <220> FEATURE:
 47 <223> OTHER INFORMATION: could be from any mammal.
 49 <400> SEQUENCE: 1
 51 Gly Gly Gly Phe
 52 1
 55 <210> SEQ ID NO: 2
 56 <211> LENGTH: 10
 57 <212> TYPE: PRT
 58 <213> ORGANISM: Unknown
 60 <220> FEATURE:
 61 <223> OTHER INFORMATION: could be from any mammal.
 63 <400> SEQUENCE: 2
 65 Gly Phe Gln Gly Val Gln Phe Ala Gly Phe
 66 1 5 10
 69 <210> SEQ ID NO: 3

RAW SEQUENCE LISTING

DATE: 06/05/2002

PATENT APPLICATION: US/09/866,512A

TIME: 09:46:34

Input Set : A:\PTO.PG.txt

Output Set: N:\CRF3\06052002\I866512A.raw

70 <211> LENGTH: 10
71 <212> TYPE: PRT
72 <213> ORGANISM: Unknown
74 <220> FEATURE:
75 <223> OTHER INFORMATION: could be from any mammal.
77 <400> SEQUENCE: 3
79 Cys Phe Gly Ser Val Gly Phe Ala Gly Phe
80 1 5 10
83 <210> SEQ ID NO: 4
84 <211> LENGTH: 10
85 <212> TYPE: PRT
86 <213> ORGANISM: Unknown
88 <220> FEATURE:
89 <223> OTHER INFORMATION: could be from any mammal.
91 <400> SEQUENCE: 4
93 Gly Leu Val Gly Gly Ala Gly Ala Gly Phe
94 1 5 10
97 <210> SEQ ID NO: 5
98 <211> LENGTH: 10
99 <212> TYPE: PRT
100 <213> ORGANISM: Unknown
102 <220> FEATURE:
103 <223> OTHER INFORMATION: could be from any mammal.
105 <400> SEQUENCE: 5
107 Gly Gly Phe Leu Gly Leu Gly Ala Gly Phe
108 1 5 10
111 <210> SEQ ID NO: 6
112 <211> LENGTH: 10
113 <212> TYPE: PRT
114 <213> ORGANISM: Unknown
116 <220> FEATURE:
117 <223> OTHER INFORMATION: could be from any mammal.
119 <400> SEQUENCE: 6
121 Cys Phe Gly Ser Thr Phe Phe Ala Gly Phe
122 1 5 10
125 <210> SEQ ID NO: 7
126 <211> LENGTH: 4
127 <212> TYPE: PRT
128 <213> ORGANISM: Unknown
130 <220> FEATURE:
131 <223> OTHER INFORMATION: could be from any mammal.
133 <400> SEQUENCE: 7
135 Asp Glu Val Asp
136 1
139 <210> SEQ ID NO: 8
140 <211> LENGTH: 4
141 <212> TYPE: PRT
142 <213> ORGANISM: Unknown
144 <220> FEATURE:

RAW SEQUENCE LISTING

DATE: 06/05/2002

PATENT APPLICATION: US/09/866,512A

TIME: 09:46:34

Input Set : A:\PTO.PG.txt

Output Set: N:\CRF3\06052002\I866512A.raw

145 <223> OTHER INFORMATION: could be from any mammal.
147 <400> SEQUENCE: 8
149 Pro Glu Leu Arg
150 1
153 <210> SEQ ID NO: 9
154 <211> LENGTH: 6
155 <212> TYPE: PRT
156 <213> ORGANISM: Unknown
158 <220> FEATURE:
159 <223> OTHER INFORMATION: could be from any mammal.
161 <400> SEQUENCE: 9
163 Pro Leu Gly Leu Ala Arg
164 1 5
167 <210> SEQ ID NO: 10
168 <211> LENGTH: 7
169 <212> TYPE: PRT
170 <213> ORGANISM: Unknown
172 <220> FEATURE:
173 <223> OTHER INFORMATION: could be from any mammal.
175 <400> SEQUENCE: 10
177 Pro Gly Leu Trp Ala Asp Arg
178 1 5
181 <210> SEQ ID NO: 11
182 <211> LENGTH: 7
183 <212> TYPE: PRT
184 <213> ORGANISM: Unknown
186 <220> FEATURE:
187 <223> OTHER INFORMATION: could be from any mammal.
189 <400> SEQUENCE: 11
191 Pro Met Ala Leu Trp Met Arg
192 1 5
195 <210> SEQ ID NO: 12
196 <211> LENGTH: 6
197 <212> TYPE: PRT
198 <213> ORGANISM: Unknown
200 <220> FEATURE:
201 <223> OTHER INFORMATION: could be from any mammal.
203 <400> SEQUENCE: 12
205 Pro Met Gly Leu Arg Ala
206 1 5
209 <210> SEQ ID NO: 13
210 <211> LENGTH: 7
211 <212> TYPE: PRT
212 <213> ORGANISM: Simian virus 40
214 <400> SEQUENCE: 13
216 Pro Lys Lys Lys Arg Lys Val
217 1 5
220 <210> SEQ ID NO: 14
221 <211> LENGTH: 6

RAW SEQUENCE LISTING

DATE: 06/05/2002

PATENT APPLICATION: US/09/866,512A

TIME: 09:46:34

Input Set : A:\PTO.PG.txt

Output Set: N:\CRF3\06052002\I866512A.raw

```

222 <212> TYPE: PRT
223 <213> ORGANISM: Homo sapiens
225 <400> SEQUENCE: 14
227 Ala Arg Arg Arg Arg Pro
228 1 5
231 <210> SEQ ID NO: 15
232 <211> LENGTH: 10
233 <212> TYPE: PRT
234 <213> ORGANISM: Mus musculus
236 <400> SEQUENCE: 15
238 Glu Glu Val Gln Arg Lys Arg Gln Lys Leu
239 1 5 10
242 <210> SEQ ID NO: 16
243 <211> LENGTH: 9
244 <212> TYPE: PRT
245 <213> ORGANISM: Mus musculus
247 <400> SEQUENCE: 16
249 Glu Glu Lys Arg Lys Arg Thr Tyr Glu
250 1 5
253 <210> SEQ ID NO: 17
254 <211> LENGTH: 20
255 <212> TYPE: PRT
256 <213> ORGANISM: Xenopus laevis
258 <400> SEQUENCE: 17
260 Ala Val Lys Arg Pro Ala Ala Thr Lys Lys Ala Gly Gln Ala Lys Lys
261 1 5 10 15
264 Lys Lys Leu Asp
265 20

```

VERIFICATION SUMMARY

DATE: 06/05/2002

PATENT APPLICATION: US/09/866,512A

TIME: 09:46:35

Input Set : A:\PTO.PG.txt

Output Set: N:\CRF3\06052002\I866512A.raw